ATTENTION INSTALLER (if other than owner): Please forward this instruction sheet to the purchaser of this product. These instructions contain valuable information necessary to the end user.

INTRODUCTION: These instructions describe the procedure for properly installing the Python Staggered Exhaust system for 91-05 Dyna Glides.

Review instructions carefully before beginning as they contain important information. Please retain for future reference.

Particularly important information is distinguished in these instructions by the following notations:

NOTE: A NOTE provides key information to make a procedure easier or clearer.

CAUTION: A CAUTION indicates special procedures that must be followed to avoid damage to the motorcycle and/or accessories.

WARNING: A WARNING indicates special procedures that must be followed to avoid injury to a motorcycle operator or person inspecting or repairing the motorcycle.

NOTE: A "quiet" baffle is available separately to reduce the exhaust sound emitted by this exhaust system. They are sold each under P/N V21869, two are required.
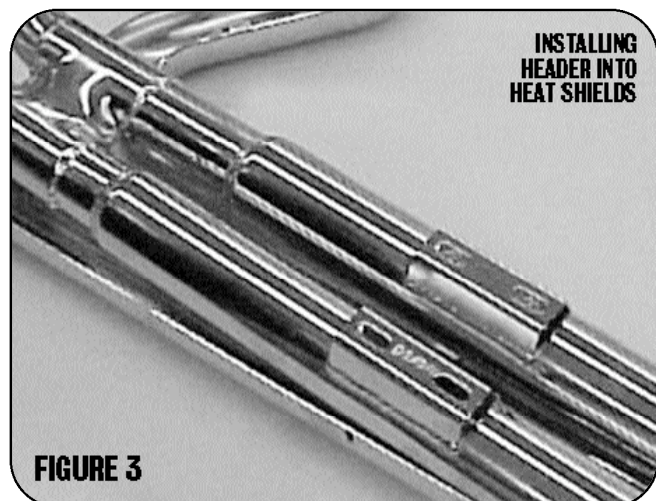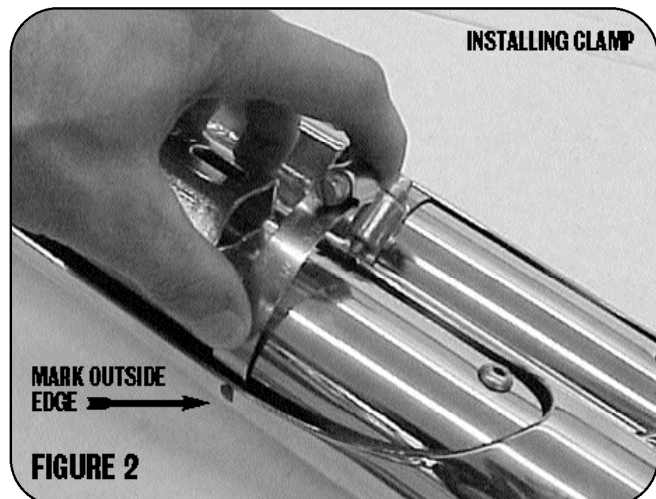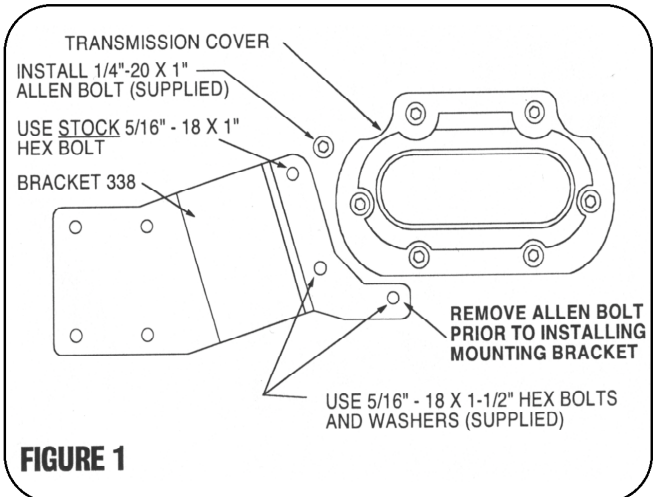
STOCK EXHAUST SYSTEM REMOVAL
1. Loosen heat shield clamps on both the front and rear head pipes.
2. Loosen crossover pipe clamp, if equipped, located between front and rear head pipes.
3. Remove two cylinder exhaust-port flange-nuts from each head pipe, located at the cylinder head.
4. Remove both front and rear head-pipe clamp bolts.
5. Remove the bolts that attach mufflers to the frame.
6. Remove the complete exhaust system and set aside. You may require assistance.
7. Remove rear head-pipe clamp bracket from transmission cover. Save the bolts, as you will be reusing one of them.
8. Remove bolt below left side of transmission cover. Position mounting bracket 338 over mounting location to determine which bolt will be removed. **(Figure 1)**
9. Carefully remove the cylinder head exhaust-port flanges and circlips from the stock exhaust system using snap-ring pliers.

NOTE: Replace bent or damages circlips. Check exhaust port gasket condition and replace gaskets if worn or damaged.

PYTHON EXHAUST SYTEM INSTALLATION
1. Mounting bracket 338 (supplied) to transmission using stock bolt in top hole. Install two $5/16$" x $1^1/2$" hex bolts and $5/16$" flat washer combinations in remaining two holes (hardware supplied). **(Figure 1)**
2. Remove head pipes and heat shields from protective packaging. Place each heat shield on a non-abrasive surface, such as a blanket or carpet. Using a felt-tip pen, mark outside edge of each heat shield to show location of hose clamp mounting clips. **(Figure 2)**
3. Slide header into heat shields tail-end first. **(Figure 3)**

TRANSMISSION COVER
INSTALL 1/4"-20 X 1" ALLEN BOLT (SUPPLIED)
USE STOCK 5/16" - 18 X 1" HEX BOLT
BRACKET 338
REMOVE ALLEN BOLT PRIOR TO INSTALLING MOUNTING BRACKET
USE 5/16" - 18 X 1-1/2" HEX BOLTS AND WASHERS (SUPPLIED)

FIGURE 1

INSTALLING CLAMP

MARK OUTSIDE EDGE ➡

FIGURE 2

INSTALLING HEADER INTO HEAT SHIELDS

FIGURE 3

DRAG SPECIALTIES

4. Install each hose clamp by feeding tail ends of clamps into heat shield clips. Take note of location of clamp screw head. **(Figures 2 & 4)** Screw head should be accessible when system is installed on motorcycle for adjustment purposes. **(Figure 4)**
5. Install cylinder exhaust-port flanges and circlips (from stock system) onto head pipes. **(Figure 5)**
6. Install the head pipe/heat shields assembly into exhaust port using stock nuts, do not tighten at this time.
7. Slide nut plates inside bracket welded to backside of head pipe. While holding nut plates in place, attach head pipe to mounting bracket 338 using four $5/16$" flange head bolts (supplied). Leave them loose at this time. **(Figure 6)**
8. Tighten cylinder exhaust-port flange-nuts on front and rear cylinders.
9. Tighten flange bolts on both head pipes brackets.
10. Align heat shields so the end of the pipes line up evenly when viewed from the right-hand-side of the motorcycle. Tighten all hose clamps securing heat shields.
11. Check for adequate clearance between all exhaust system components and motorcycle accessories prone to heat damage.

CAUTION: After installation is complete and before starting the motorcycle, be sure to completely clean the pipes and mufflers with a cleaning solvent and clean, soft cloth that will not leave a residue.

WARNING: Before operating motorcycle, be sure all hardware is tight. Every effort is made for Python exhaust systems to provide improved cornering clearance. However, due to design and space limitations on some models, ground and cornering clearance may not be improved and in some cases may be reduced.

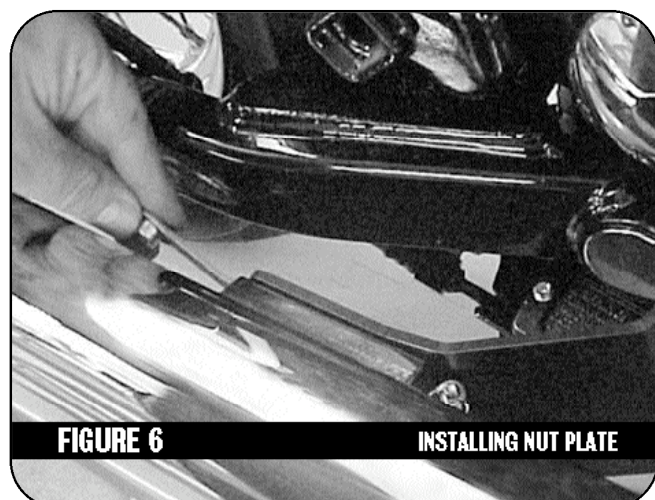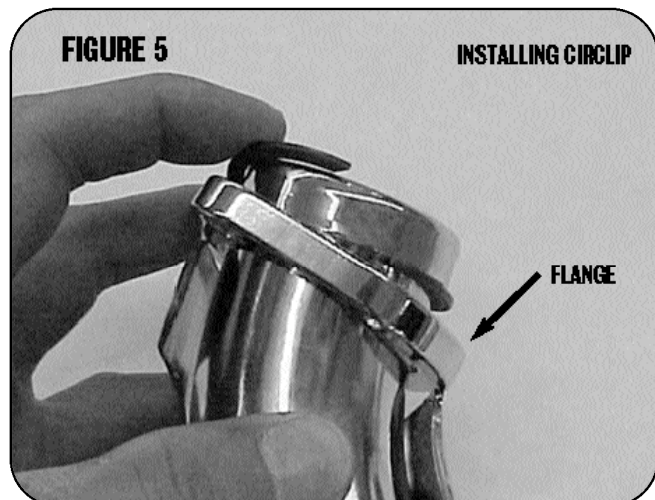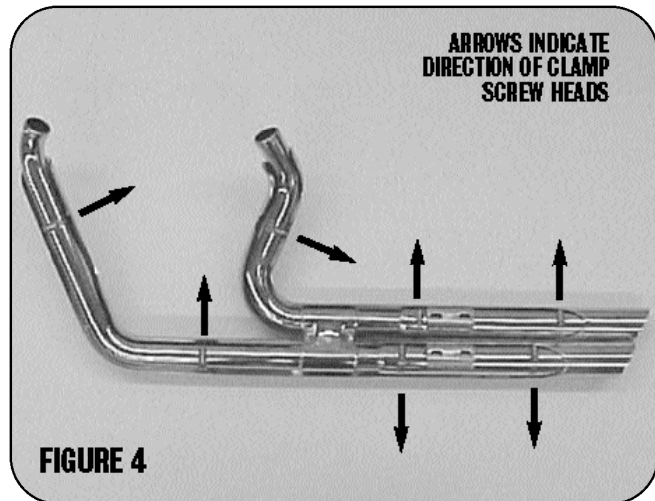12. Be sure to tighten all hardware before starting motorcycle.

RE-JETTING INSTRUCTIONS
Re-jetting the carburetors will result in realizing the "full" potential of this performance exhaust system. Jet kits are available for most applications. For fuel-injected models, we recommend the use of an adjustable fuel management system.

NOTE: Drag Specialties or the manufacturer does not warranty any chrome products against discoloration due to improper carburetor jetting. All exhaust systems will eventually change color. This is not a defect in the chrome.

HELPFUL HINTS TO AVOID DISCOLORATION
1. Have your carburetor re-jetted by an experienced service technician on a dynamometer utilizing an exhaust gas analyzer.
2. Make sure there are no exhaust leaks at the junction of the exhaust pipe and cylinder head.
3. Make sure there are no intake leaks; these can cause the engine to run lean and overheat, turning the pipes blue.
4. After installing the pipes, thoroughly clean them with a cleaning solvent and a clean, soft cloth that will not leave residue before starting the motorcycle.
5. Follow the owner's manual instructions regarding the use of the choke (starter enrichener). If left on longer than recommended, discoloration may be accelerated.
6. Avoid long periods of idling.

ARROWS INDICATE DIRECTION OF CLAMP SCREW HEADS

FIGURE 4

FIGURE 5

INSTALLING CIRCLIP

FLANGE

FIGURE 6

INSTALLING NUT PLATE

DRAG SPECIALTIES